Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	25	(line with vector) and (character with "OCR") and ("bit map")	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/03/16 13:49
S2	6	("4811416" | "4907285" | "4933979" | "4933984" | "5001769" | "5003613").PN.	USPAT	OR	ON	2004/03/12 14:57
S3	23	"5228100".URPN.	USPAT	OR	ON	2004/03/12 15:02
S4	346	382/176.ccls.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/03/16 11:24
S5	94	(line with vector) and (character with ("OCR" or "ASCII")) and ("bit map")	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/03/16 13:50
S6	9	((HARA and HIROYUKI).in.) and (canon.as.)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/03/16 13:58
S7	0	JP near2 "20495"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/03/16 13:56
S8	0	((HARA and HIROYUKI).in.) and (image adj processor).ti.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/03/16 16:58

S9	33	("4503556" | "4504972" | "4722064" | "4730219" | "4739397" | "4750044" | "4750209" | "4757351" | "4782399" | "4817187" | "4879753" | "4942461" | "5003614" | "5007098" | "5033104" | "5101438" | "5121445" | "5134666" | "5140411" | "5151949" | "5155589" | "5157740" | "5177603" | "5185820" | "5200993" | "5202934" | "5278918" | "5301244" | "5335290" | "5355234" | "5587808" | "5588072" | "5633730").PN.	USPAT	OR	ON	2004/03/16 14:03
S10	0	((HARA and HIROYUKI).in.) and (image adj processor)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/03/16 16:59
S11	197	(HARA and HIROYUKI).in.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/03/16 16:59
S12	1075	(smooth$6) near5 (edge or line or outline or contour) same character	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 12:50
S13	56	(smooth$6) near5 (edge or line or outline or contour) same (character near4 recogni$6)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 12:50
S14	7771	(edge or contour or boundary or line or outline) with (color or colour) with (separat$6 or sharpness)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 15:47
S15	1081	S14 same (pixel)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 15:52
S16	53	S14 and (382/266 or 382/267 or 382/268 or 382/269).ccls.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 16:07

S17	117401	(edge or contour or boundary or border or line or outline) same (sharpness or contrast)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 14:59
S18	7564	S17 same pixel	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 16:06
S19	196	S18 and (382/266 or 382/267 or 382/268 or 382/269 or 358/532). ccls.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 15:00
S20	136	S19 and @ad<"20000330"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 18:55
S21	4380	(edge or contour or boundary or border or line or outline) same (sharpness or contrast) same (background)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 20:45
S22	763	S21 same pixel	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 21:10
S23	54	S21 and (382/266 or 382/267 or 382/268 or 382/269 or 358/532). ccls.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 21:10
S24	3	"6181437".pn.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 21:56
S25	3	("5351315" | "5450208" | "5835614").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/14 21:56
S26	117401	(edge or contour or boundary or border or line or outline) same (sharpness or contrast)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 15:07

S27	423	S26 and (382/266 or 382/267 or 382/268 or 382/269 or 358/532 or 348/576 or 348/565).ccls.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 15:00
S28	310	S27 and @ad<"20000330"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 15:12
S29	1978	S26 same (vector)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 15:05
S30	295	(edge or contour or boundary or border or line or outline) with (sharpness or contrast) with (vector)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 15:07
S31	181	S30 and @ad<"20000330"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 15:12
S32	6427	(vector or line) with ((bit adj map) or binary) with (storage or memory)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 18:36
S33	557	(vector) with ((bit adj map) or binary) with (storage or memory)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 18:36
S34	38	S33 with (different$5 or separat$5)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 18:37
S35	207	(line or foreground) with (background) with (stor$2 or storage or memory) with (different$5 or separat$4)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 18:41
S36	105	S35 same (imag$5)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 18:40

S37	114	(line or foreground) with (background) with (stor$2 or storage or memory) near5 (different$5 or separat$4)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 18:41
S38	1747	(combin$6 or compos$6) with (background) with (foreground or edge or outline or boundary or contour)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 18:54
S39	363	S38 same (stor$2 or storage or memory)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 18:53
S40	223	S39 same (imag$6)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 18:55
S41	559	(combin$6 or compos$6) with (background) with (edge or outline or boundary or contour)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 18:54
S42	319	S41 same (imag$6)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 18:55
S43	265	S41 with (imag$6)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 18:55
S44	170	S43 and @ad<"20000330"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 18:56
S45	13719	(extract$6 near6 (boundary or outline or edge or contour))	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 19:08
S46	37	(combin$4 or compos$5) near7 (extracted near2 (boundary or outline or edge or contour))	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2004/12/15 19:10